

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Yasuyo MARUWAKA et al.

Serial No.: New Patent Application

Filed: March 30, 2001

For: RATE MATCHING CALCULATION METHOD AND RATE MATCHING APPARATUS

PRELIMINARY AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

Please amend the above application as follows:

IN THE CLAIMS

Please amend the claims as follows (Exhibit I is a marked-up version of the amended claims):

9. (Amended) A base station apparatus comprising:
the rate matching apparatus according to claim 5; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

10. (Amended) A mobile station apparatus comprising:
the rate matching apparatus according to claim 5; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

Please add the following new claims:

--11. A base station apparatus comprising:
the rate matching apparatus according to claim 6; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

12. A base station apparatus comprising:
the rate matching apparatus according to claim 7; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

13. A base station apparatus comprising:
the rate matching apparatus according to claim 8; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

14. A mobile station apparatus comprising:
the rate matching apparatus according to claim 6; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

15. A mobile station apparatus comprising:
the rate matching apparatus according to claim 7; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

16. A mobile station apparatus comprising:
the rate matching apparatus according to claim 8; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.--

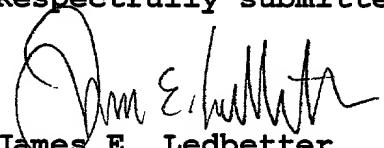
REMARKS

This Preliminary Amendment eliminates the multiple dependent claim status of claims 9 and 10 in order to avoid the multiple dependent claim surcharge.

New claims 11 to 16 are added in order to recapture the subject matter deleted in the amendment to claims 9 and 10.

Early and favorable consideration of this application is respectfully requested.

Respectfully submitted,



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Date: March 30, 2001

JEL/clw

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EXHIBIT I - Marked-up Version of Amended Claims

9. (Amended) A base station apparatus comprising:

the rate matching apparatus according to [any one of claims
5 to 8] claim 5; and

a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

10. (Amended) A mobile station apparatus comprising:

the rate matching apparatus according to [any one of claims
5 to 8] claim 5; and

a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.